

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A method of providing access control for ~~and/or vis-à-vis~~ users who use terminals which access a computer network enabling exchange of information, ~~in particular the Internet, by means of terminals,~~ via a private access node, ~~shared or specific to an organization, such as a company,~~ to which said terminals are connected ~~to access said computer network via and~~ an access server, ~~which method stores , the method comprising temporarily for downstream filtering the stream of~~ storing a multimedia data stream received from said computer network and addressed to a user terminal in response to an access request ~~formulated~~ from said user terminal, said downstream in order to perform filtering on said multimedia data stream, said filtering being applied by an arrangement for authorizing or blocking transmission of said multimedia data stream to said terminal as a function of particular criteria applied to the received multimedia data stream received at said private access node,

wherein if it is determined as a result of said filtering that said multimedia data stream received from said computer network is not to be transmitted to said terminal, said multimedia data stream is retained for comparison with subsequent multimedia data stream to accelerate said filtering in the case of identical data.

2. (Currently Amended) The method claimed in claim 1, wherein said multimedia data stream received from said computer network is stored temporarily before it is transmitted to said user terminal ~~or not~~, depending on ~~[[the]]~~ results of ~~an analysis~~ said filtering.

3. (Canceled)

4. (Currently Amended) The method claimed in claim 1, wherein transfer of multimedia data stream received from said computer network to a user terminal is temporarily delayed ~~in said temporary storage means~~ pending determination of conformance of ~~what~~ said multimedia data stream which has been received with particular standards and then transmitted to said terminal if conformance is found.

5. (Currently Amended) The method claimed in claim 4, wherein temporarily delayed data relating to ~~[[a]]~~ multimedia data stream stored in the ~~conformance~~ determination ~~phase of conformance~~ is retained to enable a further check in the event of non-conformance, either in respect of data received on detection of non-conformance, in which case the multimedia data stream that transmits it from said computer network is interrupted, or in respect of all ~~of the~~ data of the multimedia data stream received, without said multimedia data stream being interrupted.

6. (Currently Amended) The method claimed in claim 4, wherein data for which ~~and/or for the source of which~~ non-conformance has been detected in a received multimedia data stream is retained to enable interruption of a multimedia data stream subsequently received before complete analysis of the data that said multimedia data stream transmits if said data ~~and/or said source are~~ is detected again in said multimedia data stream subsequently received.

7. (Currently Amended) The method claimed in claim 1, further comprising ~~including~~ counting, for control purposes, the number of time that data of a particular content; ~~consisting of a characteristic combination of data~~ is received, if said content is found in said ~~temporarily stored~~ multimedia data stream which is temporarily stored, after it has been received from said computer network in at least one data stream addressed to a particular terminal.

8. (Currently Amended) The method claimed in claim 2, ~~including~~ further comprising performing signature analysis for at least temporarily blocking transmission of said multimedia data stream received from said network to a user terminal if said multimedia data stream incorporates a signature characteristic of restricted signaling rights.

9. (Currently Amended) The method claimed in claim 2, ~~including~~ further comprising performing an identifier search analysis ~~applied to received~~ on said multimedia data stream addressed to a user terminal to authorize transmission of said multimedia data stream to

said terminal if ~~one or more particular identifiers are~~ an identifier is found in the ~~received~~
multimedia data stream addressed to said terminal.

10. (Currently Amended) An ~~arrangement~~ apparatus for providing access control for
~~and/or vis-à-vis users who~~ user terminals which access a computer network enabling exchange of
information, ~~in particular the Internet, from terminals via a private access node that is shared or~~
~~specific to an organization, such as a company, and to which said terminals are connected to~~
~~access a computer network via and~~ a service provider, ~~which arrangement includes hardware~~
~~means and/or software products organized to authorize or block transmission of said data stream~~
to said terminals the apparatus comprising:

a storage unit for temporarily storing a multimedia data stream received from said
computer network and addressed to a user terminal in response to an access request from said
user terminal,

a control logic unit for filtering said multimedia data stream stored in said storage unit,
said filtering authorizing or blocking transmission of said multimedia data stream to said
terminal as a function of particular criteria applied to said ~~received~~ multimedia data stream
received at said private access node, wherein if it is determined as a result of said filtering that
said multimedia data stream received from said computer network is not to be transmitted to said
terminal, said multimedia data stream is retained for comparison with subsequent multimedia
data stream to accelerate said filtering in the case of identical data.